



SEQUENCE LISTING

<110> JUNG, VERENA
EZAKI, SANTOSHI
SUSA, MILORAD
KNABBE, CORNELIUS
SCHMIDT, ROLF
BACHMANN, TILL T.

<120> METHOD FOR DETECTING MICROBIAL ANTIBIOTIC RESISTANCE

<130> 035642/0104

<140> 10/673,038

<141> 2003-09-29

<160> 47

<170> PatentIn version 3.2

<210> 1

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Probe

<400> 1

agaaacgctg gtgaaagt

18

<210> 2

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Probe

<400> 2

tctagacagc cactcata

18

<210> 3

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Probe

<400> 3

gattggacga gtcaggagc

19

<210> 4
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<400> 4
 tctagacagc cactcata

18

<210> 5
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (10)..(10)
 <223> n is a, c, g, or t

<400> 5
 atgagtattn aacatttccg tg

22

<210> 6
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (10)..(10)
 <223> n is a, c, g, or t

<400> 6
 gcattttgcn ttctgtttt

20

<210> 7
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (9)..(9)
 <223> n is a, c, g, or t

<400> 7
 ctgaagatna gttgggtgc

19

<210> 8
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (11)..(11)
 <223> n is a, c, g, or t

<400> 8
 cagttgggtg nacgagtggg t

21

<210> 9
 <211> 27
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (14)..(14)
 <223> n is a, c, g, or t

<400> 9
 atcgaactgg atcncaacag cggtgaag

27

<210> 10
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature

<222> (13)..(13)
 <223> n is a, c, g, or t

<400> 10
 cgttttccaa tgntgagcac ttttaa

26

<210> 11
 <211> 24
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (13)..(13)
 <223> n is a, c, g, or t

<400> 11
 ttttccaatg atnagcactt ttaa

24

<210> 12
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (12)..(12)
 <223> n is a, c, g, or t

<400> 12
 atgtggtgcg gnattatccc

20

<210> 13
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (10)..(10)
 <223> n is a, c, g, or t

<400> 13
ttatcccgtt ttgacgccg

19

<210> 14
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Probe

<220>
<221> misc_feature
<222> (9)..(9)
<223> n is a, c, g, or t

<400> 14
gcaactcgnt cgccgca

17

<210> 15
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Probe

<220>
<221> misc_feature
<222> (10)..(10)
<223> n is a, c, g, or t

<400> 15
gacttggttn agtactcacc

20

<210> 16
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Probe

<220>
<221> misc_feature
<222> (10)..(10)
<223> n is a, c, g, or t

<400> 16
atcttacggn tggcatgac

19

<210> 17
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (12)..(12)
 <223> n is a, c, g, or t

<400> 17
 agaattatgc antgctgccca ta

22

<210> 18
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (9)..(9)
 <223> n is a, c, g, or t

<400> 18
 gtgctgcctt aacctatga

18

<210> 19
 <211> 24
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (14)..(14)
 <223> n is a, c, g, or t

<400> 19
 tgccataacc atgngtgata acac

24

<210> 20
 <211> 17

<212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (8)..(8)
 <223> n is a, c, g, or t

<400> 20
 cggaggancg aaggagc

17

<210> 21
 <211> 24
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (13)..(13)
 <223> n is a, c, g, or t

<400> 21
 ccgctttttt gcncacatg gggg

24

<210> 22
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (10)..(10)
 <223> n is a, c, g, or t

<400> 22
 ctcgccttgn tcggttgga

19

<210> 23
 <211> 17
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (9)..(9)
 <223> n is a, c, g, or t

<400> 23
 gccttgatng ttgggaa

17

<210> 24
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (10)..(10)
 <223> n is a, c, g, or t

<400> 24
 gccttgatcn ttgggaacc

19

<210> 25
 <211> 17
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (9)..(9)
 <223> n is a, c, g, or t

<400> 25
 ttgatcgtn ggaaccg

17

<210> 26
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (10)..(10)
 <223> n is a, c, g, or t

<400> 26
 tgatcgttgn gaaccggag

19

<210> 27
 <211> 17
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (9)..(9)
 <223> n is a, c, g, or t

<400> 27
 caccacgang cctgtag

17

<210> 28
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (10)..(10)
 <223> n is a, c, g, or t

<400> 28
 cgatgcctgn agcaatggc

19

<210> 29
 <211> 23
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature

<222> (12)..(12)
 <223> n is a, c, g, or t

<400> 29
 aactattaac tngcgaaacta ctt

23

<210> 30
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (12)..(12)
 <223> n is a, c, g, or t

<400> 30
 actattaact gncgaactac tt

22

<210> 31
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (11)..(11)
 <223> n is a, c, g, or t

<400> 31
 ctagcttccc ngcaacaatt aa

22

<210> 32
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (9)..(9)
 <223> n is a, c, g, or t

<400> 32
agttgcagna ccacttct

18

<210> 33
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Probe

<220>
<221> misc_feature
<222> (10)..(10)
<223> n is a, c, g, or t

<400> 33
aaatctggan ccggtgagc

19

<210> 34
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Probe

<220>
<221> misc_feature
<222> (9)..(9)
<223> n is a, c, g, or t

<400> 34
atctggagnc ggtgagc

17

<210> 35
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Probe

<220>
<221> misc_feature
<222> (9)..(9)
<223> n is a, c, g, or t

<400> 35
ctggagccng tgagcgt

17

<210> 36
 <211> 18
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (10)..(10)
 <223> n is a, c, g, or t

<400> 36
 ctggagccgn tgagcgtg

18

<210> 37
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (9)..(9)
 <223> n is a, c, g, or t

<400> 37
 gagccggtna gcgtgggt

18

<210> 38
 <211> 17
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (9)..(9)
 <223> n is a, c, g, or t

<400> 38
 gtgggtctng cggtatc

17

<210> 39
 <211> 19

<212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (10)..(10)
 <223> n is a, c, g, or t

<400> 39
 gtgggtctcn cggtatcat

19

<210> 40
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (11)..(11)
 <223> n is a, c, g, or t

<400> 40
 ccgtatcgta nttatctaca cg

22

<210> 41
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (10)..(10)
 <223> n is a, c, g, or t

<400> 41
 ttatctacan gacgggga

18

<210> 42
 <211> 17
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (9)..(9)
 <223> n is a, c, g, or t

<400> 42
 cgacggggng tcaggca

17

<210> 43
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (11)..(11)
 <223> n is a, c, g, or t

<400> 43
 atggatgaac naaataagaca g

21

<210> 44
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
 <221> misc_feature
 <222> (11)..(11)
 <223> n is a, c, g, or t

<400> 44
 ggatgaacga natagacaga t

21

<210> 45
 <211> 23
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Probe

<220>
<221> misc_feature
<222> (12)..(12)
<223> n is a, c, g, or t

<400> 45
tagacagatc gntgagatag gtg

23

<210> 46
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 46
atgagtattc aacatttccg

20

<210> 47
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 47
ttaatcagtg aggcacctat

20